

PLOT SCALE: .5=1

DWG. SCALE: 2

A14470

4

3

2

1

D

D

C

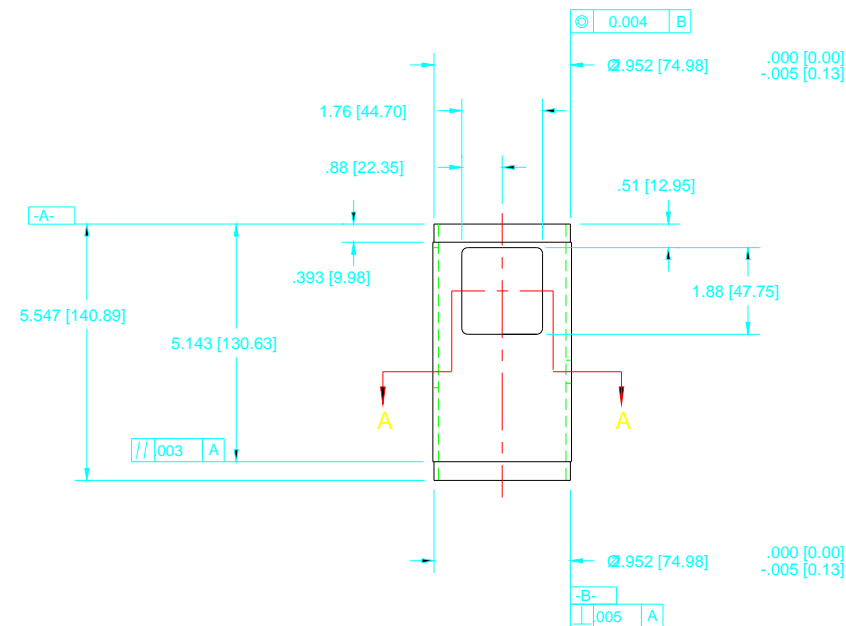
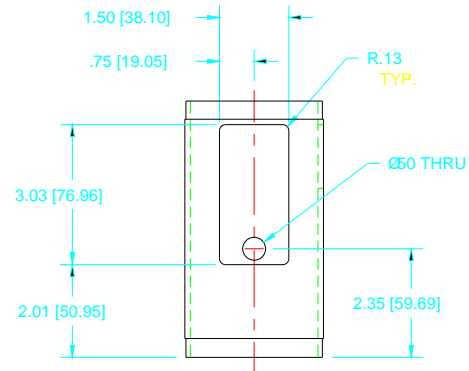
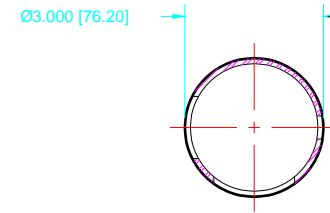
C

B

B

A

A



|  |  |                 |  |                                 |  |  |  |   |  |     |  |
|--|--|-----------------|--|---------------------------------|--|--|--|---|--|-----|--|
| ITEM   |  | DWG/PART NUMBER |  | NOMENCLATURE OR DESCRIPTION     |  |  |  | MATERIAL / SPEC   |  | QTY |  |
| PARTS LIST   |  |                 |  |                                 |  |  |  |   |  |     |  |
| UNLESS OTHERWISE SPECIFIED:<br>ALL DIMENSIONS ARE IN INCHES        |  |                 |  | LOG NUMBER<br><div>A14470</div> |  | <div><div><div>ARGONNE NATIONAL LABORATORY</div><div>ANL</div></div></div> |  | THIS DRAWING IS THE PROPERTY OF<br><div>ARGONNE NATIONAL LABORATORY</div> |  |     |  |
| TOLERANCES   |  |                 |  |                                 |  |  |  |   |  |     |  |
| DECIMALS   |  | ANGULAR         |  |                                 |  |  |  |   |  |     |  |
| .XX - .03 (7/620)  |  | - 25            |  |                                 |  |  |  |   |  |     |  |
| .XX - .01 (3/25)   |  |                 |  |                                 |  |  |  |   |  |     |  |
| XXX - .005 (3/127)   |  |                 |  |                                 |  |  |  |   |  |     |  |
| SURFACE ROUGHNESS  |  |                 |  | 125 ✓                           |  |  |  |   |  |     |  |
| REMOVE ALL BURRS AND<br>BREAK SHARP EDGES .03 MAX.                 |  |                 |  |                                 |  |  |  |   |  |     |  |
| SURFACE TEXTURE TO BE IN<br>ACCORDANCE WITH LATEST ANSI B46.1      |  |                 |  |                                 |  |  |  |   |  |     |  |
| DIMENSIONING & TOLERANCING IN<br>ACCORDANCE WITH LATEST ANSI Y14.5 |  |                 |  |                                 |  |  |  |   |  |     |  |
| DRAWN BY   |  | DATE            |  | CHIEF DESIGN ENGINEER           |  | DATE   |  | TITLE   |  |     |  |
| MUSCIA   |  | 10/13/93        |  | D. SHU                          |  | 3/29/94  |  | ADVANCED PHOTON SOURCE  |  |     |  |
| CHECKED BY   |  |                 |  | GP LEADER                       |  |  |  | P4 I.D. W/M/S INTEGRAL  |  |     |  |
| J. CHANG   |  | 3/29/94         |  | T. M. KUZAY                     |  | 4/1/94   |  | SHUTTER SLOW ACTUATOR   |  |     |  |
| DESIGNER   |  |                 |  | PROJECT MGR.                    |  |  |  | HOUSING   |  |     |  |
| MUSCIA   |  | 10/13/93        |  |                                 |  |  |  |   |  |     |  |
| RESPONSIBLE ENGINEER   |  |                 |  | APPROVED/RELEASED               |  |  |  |   |  |     |  |
| J. CHANG   |  | 3/29/94         |  |                                 |  |  |  |   |  |     |  |
| MATERIAL   |  |                 |  | SCALE                           |  | SIZE   |  | DRAWING NUMBER  |  |     |  |
| 3" O.D. X .120 WALL SEAMLESS                                       |  |                 |  | HALF                            |  | C  |  |   |  |     |  |
| STAINLESS ST/LV. TUBE  |  |                 |  | SHEET                           |  | 1 of   |  | P4105090904-250101-00   |  |     |  |
| DO NOT SCALE DRAWING   |  |                 |  |                                 |  |  |  |   |  |     |  |